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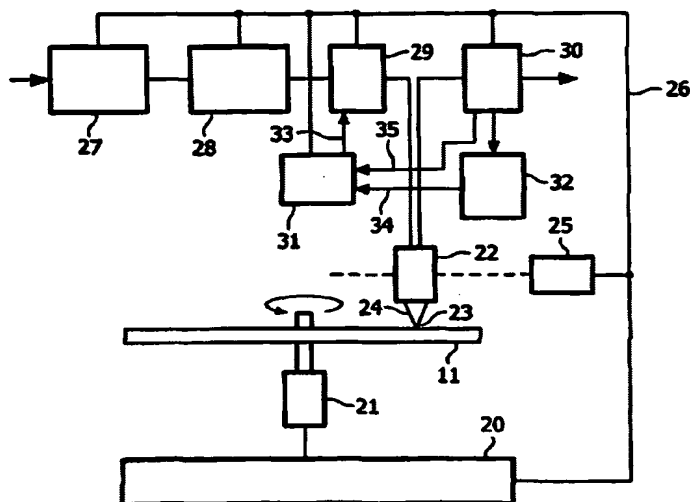
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[Continued on next page]

(54) Title: **RECORD CARRIER, DEVICE AND METHOD FOR CORRECTING SIGNED DEVIATION**



(57) **Abstract:** A device for recording information in a track on a record carrier writes and reads marks and spaces each having a nominal run length. The device has a detection unit (32) for generating a signed deviation value signal (34) indicative for a position deviation of a starting edge of a mark and/or an ending edge of a mark with respect to a nominal, position of said edge. A calculation unit (31) selects at least one predefined run length pattern and determines a correction signal (33) based on at least one statistically calculated parameter of the signed deviation value signal for the selected run length pattern. A radiation source control unit (29) controls the power of the radiation source during said writing based on the correction signal.

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